

Discovering and Accessing PHMSA's Public Resources

State of Connecticut
Emergency Response Commission
Regular Meeting
January 21, 2021
1900914 5J' 505J

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Agenda

- PHMSA's organizational structure
 - Role and responsibilities
 - Divisions
- PHMSA's free resources
 - Key contacts
 - Primer on rules and regulations
 - Tools for accessing rules and regulations
 - Grants, reports, and data on PHMSA activities



PHMSA Offices



LEGEND

- C** Central Region
- E** Eastern Region
- S** Southern Region
- SW** Southwest Region
- W** Western Region

-  Hazmat Offices
-  Pipeline Offices
-  Training Center



PHMSA's Role in Plain Language



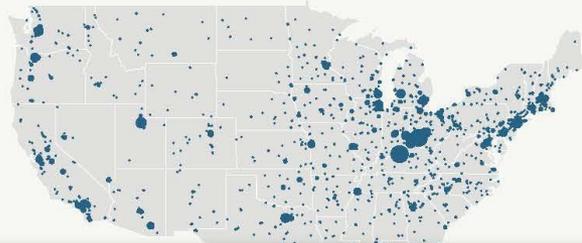
Is **Hazardous Matt** hiding in your package?



Each year, approximately 1,500 transportation incidents occur when **undeclared hazardous materials** are shipped.

These incidents involve diverse types of hazardous materials and cause serious safety consequences for transportation workers, emergency responders, and the general public. To reduce the number of new incidents, we are introducing Hazardous Matt as the brand ambassador for the "Check the Box" initiative, an educational campaign promoting public awareness of the need for safer shipping of hazardous materials.

Incidents with Undeclared Hazmat by Location



Incidents with Undeclared Hazmat by Commodity



"Check the Box" Campaign

<https://www.transportation.gov/check-the-box/getting-started-with-hazmat>



PHMSA

Responsibilities

Rules & Reg

- Creates rules, regulations, and standards
- Conducts research, development, and risk analysis
- Drafts advisory bulletins and guidance

Inform & Promote

- Offers training
- Holds outreach events
- Issues grants

Ensuring Compliance

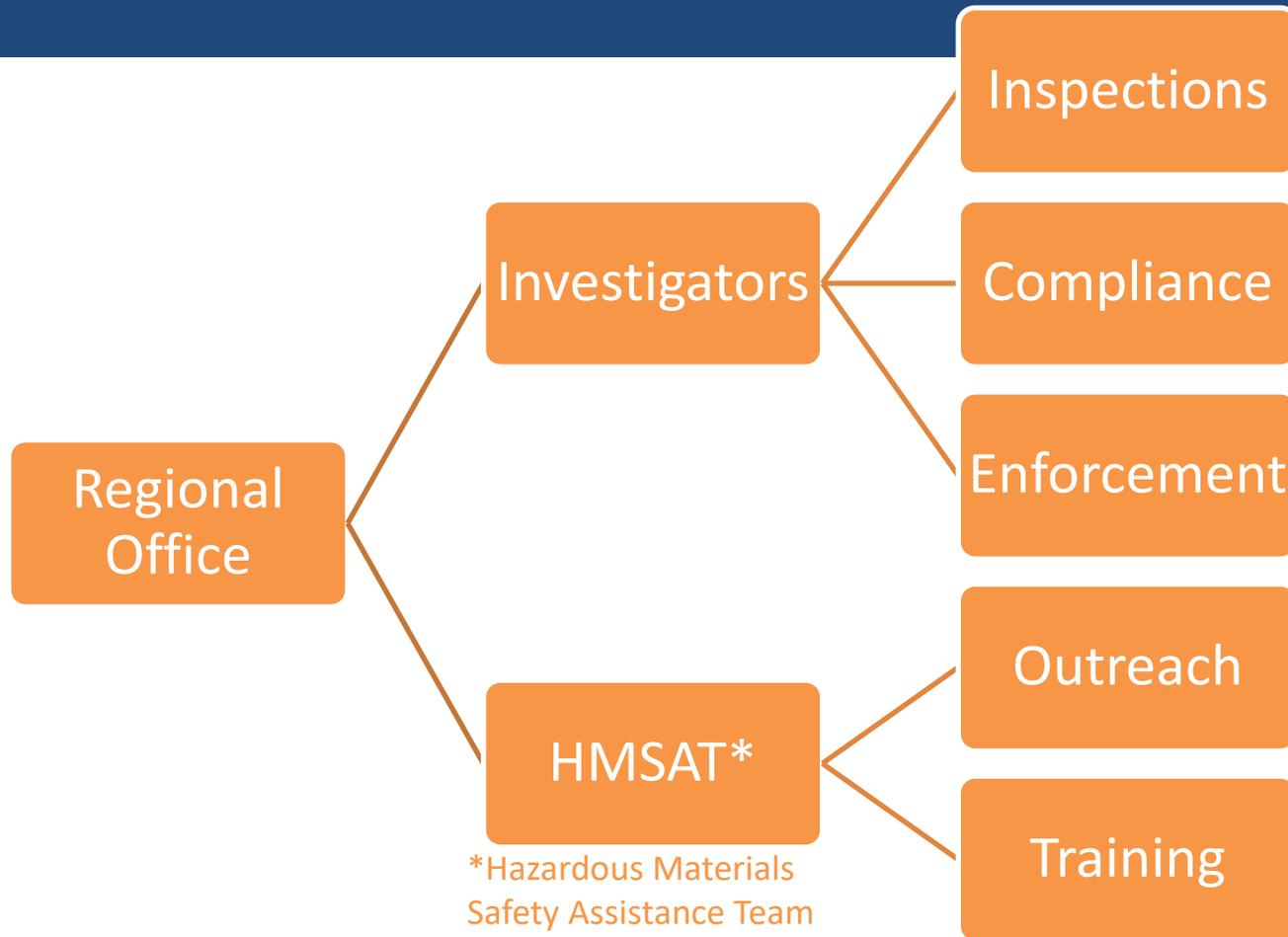
- Inspects those involved in the hazmat industry
- Enforces the rules and regulations
- Conducts accident investigations



PHMSA Subdivisions



OHMS: Regional Offices



Office of Inspector General DOT/PHMSA

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The site is operated and maintained by CIGIE. The reports and information are uploaded to this site by the IGs.

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Potential Savings Identified in Reports on this Site

Year	Potential Savings
2017	\$32.7B
2018	\$34B
2019	\$29.2B
2020	\$35.15B

Reports Uploaded to Oversight.gov (18659 total reports)

Number of IG Recommendations in Reports on this Site

Year	Number of Recommendations
2017	8.64K
2018	9.09K
2019	8.73K

oversight.gov



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Key Outreach Contacts

PHMSA: Eastern Region

Pipeline

Karen Gentile

Community Liaison

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Hazmat

Wayne Lalicon

Hazardous Materials
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My Counterparts Regional HMSATs

Regional Hazardous Materials Safety Assistance Team

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Mike Roberts (Southwest Region)

- Michael.L.Roberts@dot.gov
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- AK, AZ, CA, CO, HI, ID, MT, NV, OR, UT, WA, WY

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- CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, WV, OH



Hazardous Materials Info Center

Monday - Friday: 0900-1700 EST

❖ **(800) HMR-4922**

(800) 467-4922

❖ **(202) 366-4488**

❖ infocntr@dot.gov

<https://www.phmsa.dot.gov/standards-rulemaking/hazmat/hazardous-materials-information-center>

Call the Info Center:

- for help with use of the Hazmat Regulations (49 CFR Parts 100-185);
- for information concerning hazmat transportation and rulemakings;
- to report violations of the HMR;
- to receive recent copies of Federal Register publications or DOT special permits;
- to request copies of training materials;
- to request a formal letter of interpretation



Free PHMSA Webinars

Self-Guided Online Training Modules

<http://dothazmat.vividlms.com>

Live Webinars

https://opsweb.phmsa.dot.gov/hm_seminars/default_webinar.asp



Self-Guided Animated Presentations: Hazmat & Pipeline

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration



HMR STUDENT WORKBOOKS - DOWNLOAD FROM HERE

Enroll in New Course

Select a course from the list below, then click "Enroll". Required courses are prefaced with **1**.

- + Enroll** **1** 0.0 Hazardous Materials Regulations Introduction
- + Enroll** **1** 1.0 Hazardous Materials Table
- + Enroll** **1** 2.0 Shipping Papers
- + Enroll** NFPA 472 Awareness - Unit 1 - Introduction
- + Enroll** NFPA 472 Awareness - Unit 2 - Responder Roles and Responsibilities
- + Enroll** NFPA 472 Awareness - Unit 3 - Recognition and Identification of HM
- + Enroll** NFPA 472 Awareness - Unit 4 - HM Transportation Classifications and Hazards

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration



HMR STUDENT WORKBOOKS - DOWNLOAD FROM HERE

Please click on each link below to download a pdf of the **Student Workbook** for **EACH** module.

[1.0 Hazardous Materials Table](#)

[2.0 Shipping Papers](#)

[3.0 Marking and Labeling](#)

[4.0 Placarding](#)

[5.0 Packaging](#)

[6.0a Carrier Highway Requirements](#)

[6.0b Carrier Air Requirements](#)

[6.0c Carrier Rail Requirements](#)

[6.0d Carrier Water Requirements](#)

[7.0 Security Requirements](#)

Self-Guided Training Modules
<http://dothazmat.vividlms.com>



Live Webinars: Basics of Transporting Hazmat

PHMSA Webinar Registration

Please note: All webinar times are Eastern Standard Time (EST).

Name:

Company:

Email Address:

Street Address:

City:

State:

Zip code:

Phone number:

Webinar::		
	date	session
<input type="checkbox"/>	1/12/2021	How to Use the HMR, Time: 10:00 - 11:30 PM EST
<input type="checkbox"/>	1/14/2021	Hazmat Packaging requirements, Time: 10:00 - 11:30 PM EST
<input type="checkbox"/>	1/19/2021	Marking and Labeling, Time: 10:00 - 11:30 PM EST
<input type="checkbox"/>	1/19/2021	General Hazmat Transportation Requirements Part 1 Time: 11:00 AM - 3:30 PM EST
<input type="checkbox"/>	1/21/2021	How to Properly Placard Your Transport Vehicle, Time: 10:00 - 11:30 PM EST
<input type="checkbox"/>	1/21/2021	General Hazmat Transportation Requirements Part 2 Time: 11:00 AM - 3:30 PM EST
<input type="checkbox"/>	1/26/2021	Shipping Papers and You, Time:10:00 - 11:30 PM PM EST
<input type="checkbox"/>	1/28/2021	Hazmat Transportation Training and Security, Time: 10:00 - 11:30 PM EST
<input type="checkbox"/>	1/28/2021	How to use the HMR, Time: 9:00 - 10:30 AM EST
<input type="checkbox"/>	1/28/2021	Training and Security, Time: 10:30 AM - 12:00 PM EST
<input type="checkbox"/>	1/28/2021	Shipping Papers and you, Time: 12:00 - 1:30 PM EST
<input type="checkbox"/>	2/2/2021	Hazmat Packaging Requirements, Time: 9:00- 10:30 AM EST
<input type="checkbox"/>	2/2/2021	How to Properly Placard Your Transport Vehicle, Time: 10:30 AM - 12:00 PM EST
<input type="checkbox"/>	3/2/2021	How to Use the HMR, Time: 12:00 - 1:30 PM EST

Live Webinars (On going through March)

https://opsweb.phmsa.dot.gov/hm_seminars/default_webinar.asp

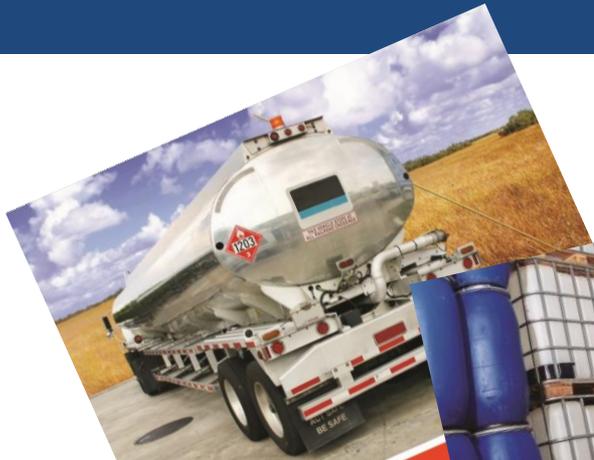


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 - Grants, reports, and data on PHMSA activities



Free PHMSA Publications



HAZMAT TRANSPORTATION
Training, Shipping Assistance, and Packaging

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration



HAZMAT TRANSPORTATION TRAINING REQUIREMENTS
An Overview of 49 CFR PARTS 172-173

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

WWW.PHMSA.DOT.GOV

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

DOT CHART 16
Hazardous Materials Markings, Labeling and Placarding Guide

49 CFR, Part 172:
Subpart D
Subpart E
Subpart F



For general guidance only and should not be used to determine compliance with 49 CFR, Parts 100-185.

HAZARDOUS MATERIALS MARKINGS

Table of markings and their regulatory references:

OVERPACK §173.258(d)	Foreign Marking DANGER DO NOT ENTER §172.302(g) and §173.9	INHALATION HAZARD §172.313(d)
UN3373 §173.199-§200	NEW Edition (ready for printing) Revision (December 31, 2015)	Marine Pollutant §172.327
	Exempted Quantity §173.44(g)	Marking of BICs §179.701(b)(7)(i)

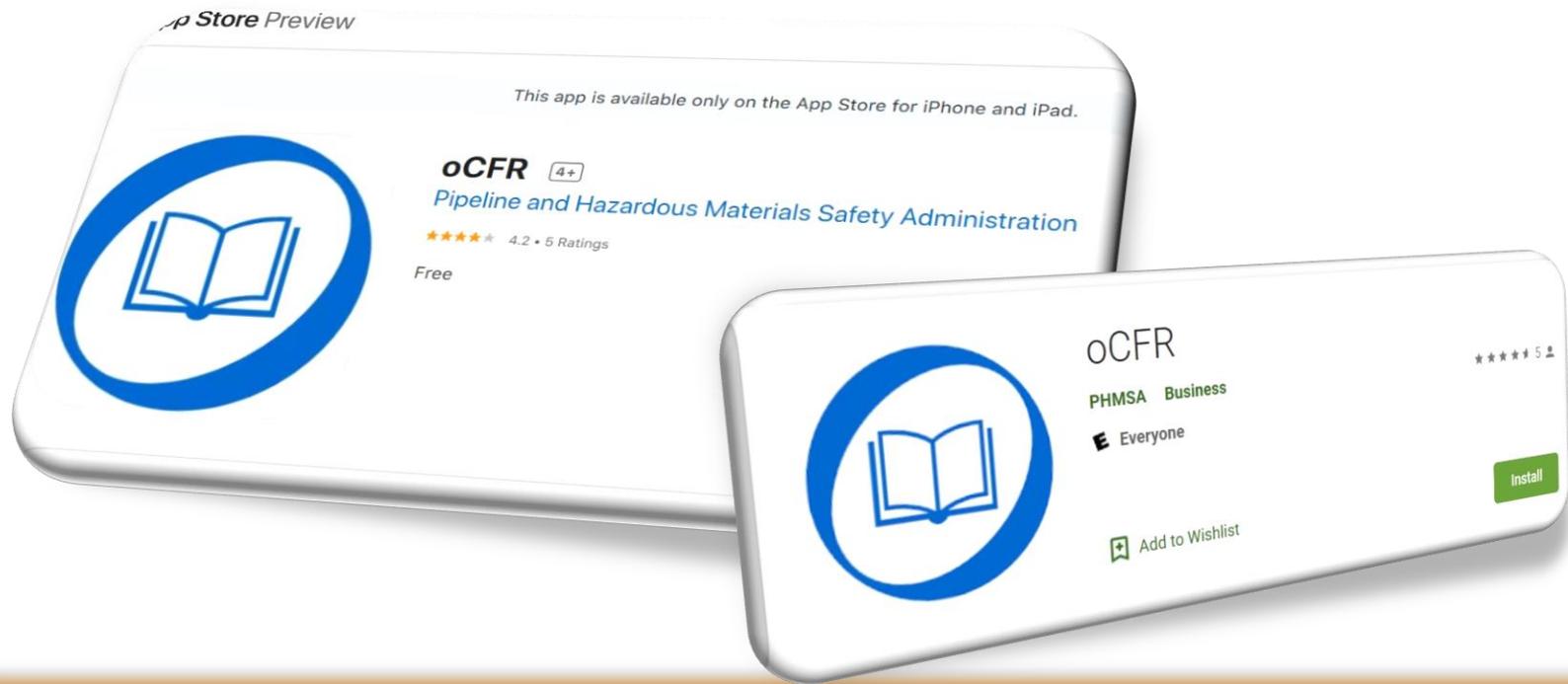


HOW TO USE THE HAZARDOUS MATERIALS REGULATIONS
Federal Regulations, Parts 100 to 185

<https://www.phmsa.dot.gov/training/hazmat/publications>



Online Code of Federal Regulations oCFR App



https://portal.phmsa.dot.gov/ecfr/faces/pages/ecfr.jspx?_afLoop=2938340440162853&_afWindowMode=0&_adf_ctrl-state=v7mgsh1y1_41



Electronic Code of Federal Regulations e-CFR Website

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We invite you to try out our new beta eCFR site at <https://ecfr.federalregister.gov>. We have made big changes to make the eCFR easier to use. Be sure to leave feedback using the Help button on the bottom right of each page!

e-CFR data is current as of **October 9, 2020**

Title	Volume	Chapter	Browse Parts	Regulatory Entity
Title 49 Transportation	1	Subtitle A—Office of the Secretary of Transportation		
			1-99	OFFICE OF THE SECRETARY OF TRANSPORTATION
	2	Subtitle B—Other Regulations Relating to Transportation		
			100-177	PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION, DEPARTMENT OF

www.ecfr.gov
 Title 49



Emergency Response Guide Apps

ERG Apps

U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

Sign-up for Email

Search

About PHMSA Safety Regulations and Compliance

Emergency Response Guidebook (ERG) for Android Tutorial [6:45]:
Learn the basics of how to use the ERG for Android on Google Play:

Emergency Response Guidebook App
Learn how to use the iOS version of the ERG 2020 on the App Store:

2020 EMERGENCY RESPONSE GUIDEBOOK

A guidebook intended for use by first responders during the initial phase of a transportation incident involving hazardous materials/dangerous goods

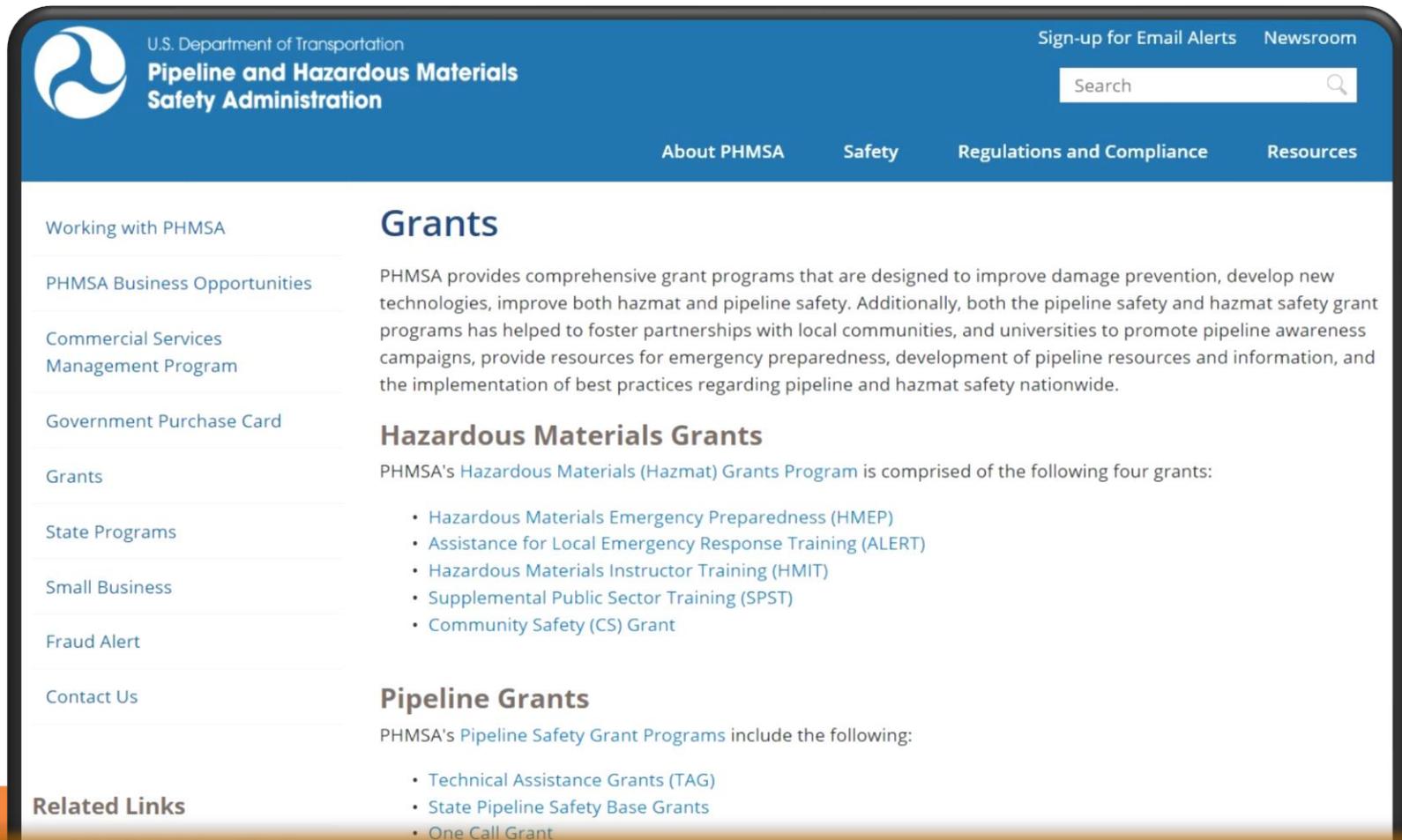
ERG 2020 (12+)
National Library of Medicine
#134 in Reference
★★★★☆ 4.2 • 35 Ratings

ERG 2020 for Android
National Library of Medicine at NIH Medical
★★★★☆ 2,919
Everyone 10+
Add to Wishlist
Install

<https://www.phmsa.dot.gov/hazmat/erg/emergency-response-guidebook-erg>



Grants Hazmat & Pipeline



The screenshot shows the PHMSA website's Grants page. The header includes the U.S. Department of Transportation logo and the PHMSA name. Navigation links for 'About PHMSA', 'Safety', 'Regulations and Compliance', and 'Resources' are present. A search bar and links for 'Sign-up for Email Alerts' and 'Newsroom' are also visible. The main content area features a 'Grants' section with a description of PHMSA's grant programs, a 'Hazardous Materials Grants' section listing four grant types, and a 'Pipeline Grants' section listing three grant types. A left sidebar contains a 'Working with PHMSA' menu with options like 'PHMSA Business Opportunities', 'Commercial Services Management Program', 'Government Purchase Card', 'Grants', 'State Programs', 'Small Business', 'Fraud Alert', and 'Contact Us'. A 'Related Links' section is partially visible at the bottom left.

U.S. Department of Transportation
**Pipeline and Hazardous Materials
Safety Administration**

Sign-up for Email Alerts Newsroom

Search

About PHMSA Safety Regulations and Compliance Resources

Working with PHMSA

PHMSA Business Opportunities

Commercial Services Management Program

Government Purchase Card

Grants

State Programs

Small Business

Fraud Alert

Contact Us

Grants

PHMSA provides comprehensive grant programs that are designed to improve damage prevention, develop new technologies, improve both hazmat and pipeline safety. Additionally, both the pipeline safety and hazmat safety grant programs has helped to foster partnerships with local communities, and universities to promote pipeline awareness campaigns, provide resources for emergency preparedness, development of pipeline resources and information, and the implementation of best practices regarding pipeline and hazmat safety nationwide.

Hazardous Materials Grants

PHMSA's Hazardous Materials (Hazmat) Grants Program is comprised of the following four grants:

- Hazardous Materials Emergency Preparedness (HMEP)
- Assistance for Local Emergency Response Training (ALERT)
- Hazardous Materials Instructor Training (HMIT)
- Supplemental Public Sector Training (SPST)
- Community Safety (CS) Grant

Pipeline Grants

PHMSA's Pipeline Safety Grant Programs include the following:

- Technical Assistance Grants (TAG)
- State Pipeline Safety Base Grants
- One Call Grant

Related Links

<https://www.phmsa.dot.gov/about-phmsa/working-phmsa/grants>



Reports

Hazmat Research and Development

- <https://www.phmsa.dot.gov/hazmat/reports/rd-reports>

Reports to Congress (PHMSA-wide)

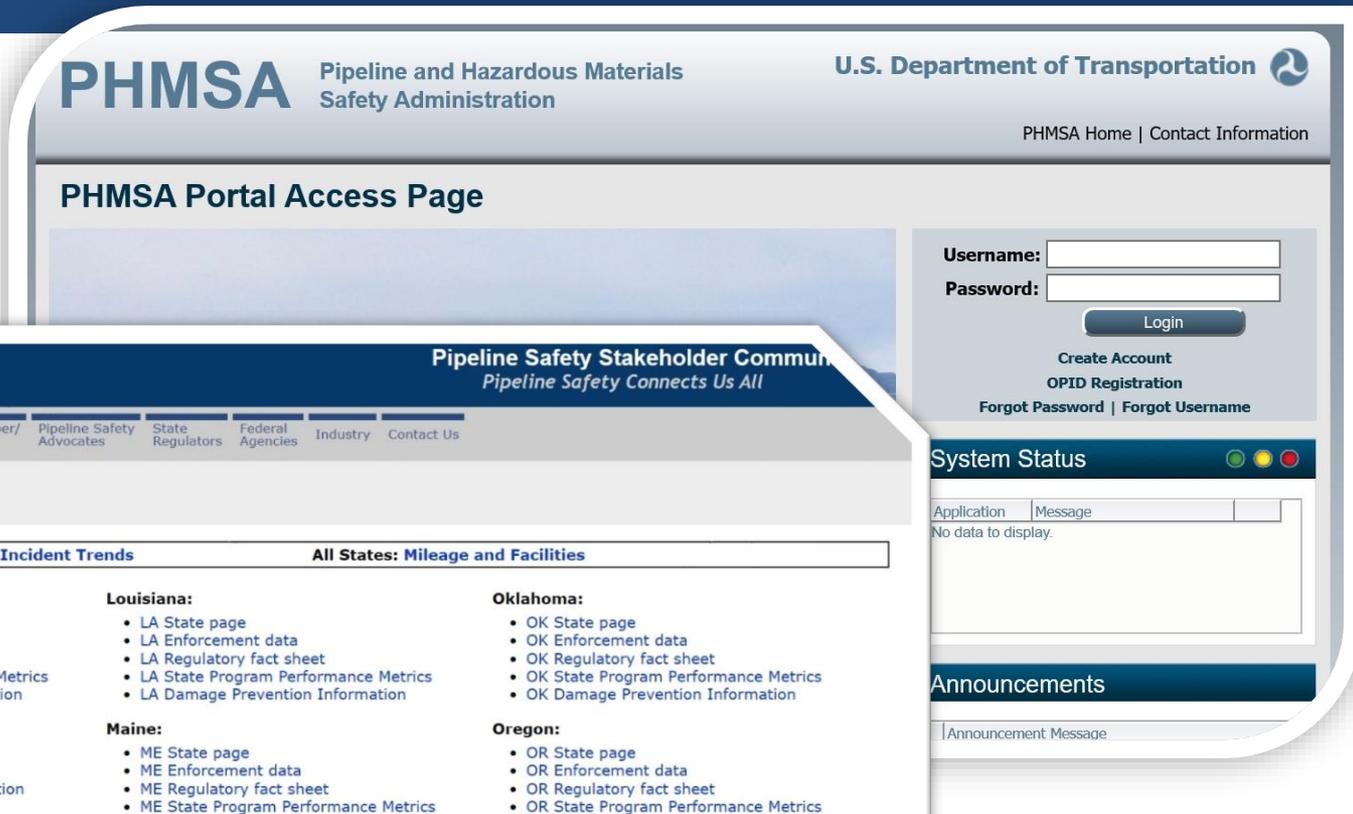
- <https://www.phmsa.dot.gov/newsroom/congressional-reports>

Congressional Testimony (PHMSA-wide)

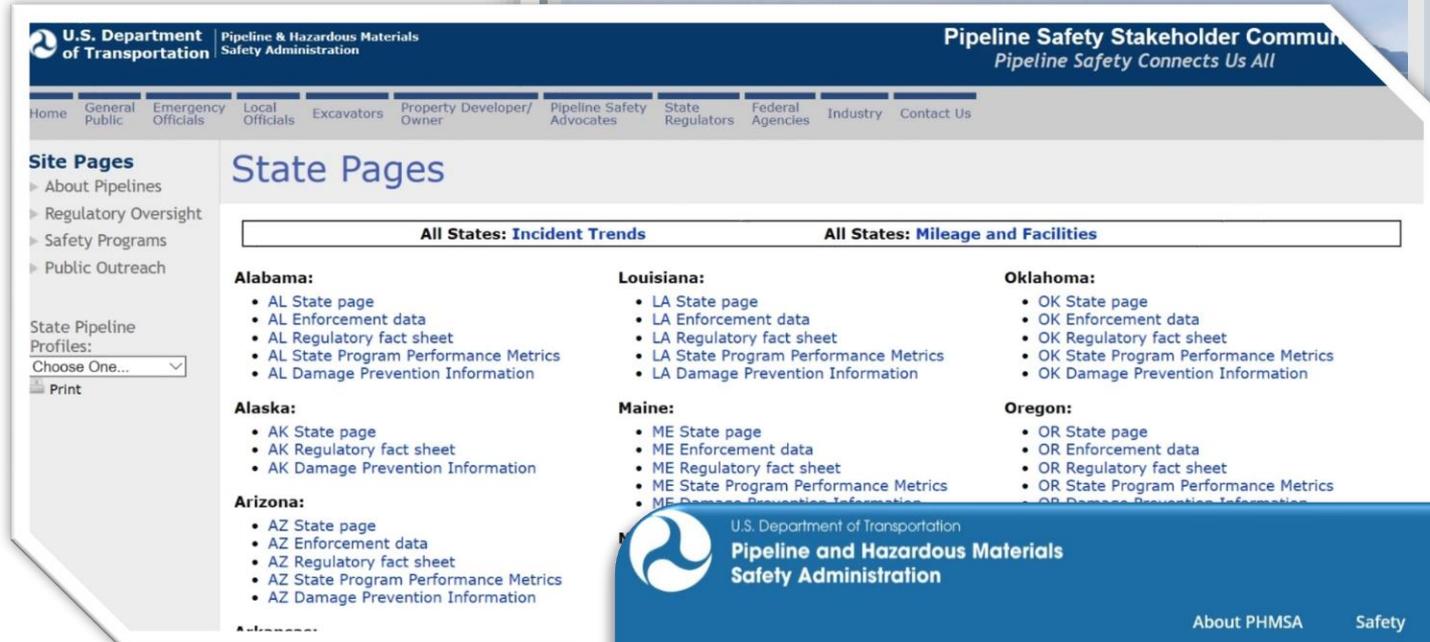
- <https://www.phmsa.dot.gov/newsroom/testimony>



Data and Statistics



The screenshot shows the PHMSA Portal Access Page. At the top, it features the PHMSA logo and the text "Pipeline and Hazardous Materials Safety Administration" on the left, and the U.S. Department of Transportation logo on the right. Below the navigation bar, the page title is "PHMSA Portal Access Page". On the right side, there is a login form with fields for "Username:" and "Password:", a "Login" button, and links for "Create Account", "OPID Registration", "Forgot Password", and "Forgot Username". Below the login form is a "System Status" section with a table for "Application" and "Message", and a "No data to display." message. At the bottom of this section, there is an "Announcements" area with a "Announcement Message" field.



The screenshot shows the PHMSA Pipeline Safety Stakeholder Community page. The header includes the U.S. Department of Transportation logo and the text "Pipeline & Hazardous Materials Safety Administration" on the left, and "Pipeline Safety Stakeholder Community" and "Pipeline Safety Connects Us All" on the right. Below the navigation bar, there are two main sections: "Site Pages" and "State Pages". The "State Pages" section is divided into columns for "All States: Incident Trends" and "All States: Mileage and Facilities". Under "All States: Incident Trends", there are lists of links for Alabama, Louisiana, Oklahoma, Alaska, Maine, and Arizona. Each state list includes links for the state page, enforcement data, regulatory fact sheet, state program performance metrics, and damage prevention information. The "All States: Mileage and Facilities" section is currently empty.



The screenshot shows the PHMSA Data and Statistics page. The header includes the U.S. Department of Transportation logo and the text "Pipeline and Hazardous Materials Safety Administration" on the left, and "Sign-up for Email Alerts" and "Newsroom" on the right. Below the navigation bar, there is a search bar and a menu with "About PHMSA", "Safety", "Regulations and Compliance", and "Resources". The main content area has a breadcrumb trail "Home / Data and Statistics" and a section titled "PHMSA Data and Statistics". Below this section, there are three links: "Pipeline Data and Statistics", "Hazardous Materials Incident Statistics", and "Hazardous Materials Registration Statistics". To the right of these links is a paragraph of text: "PHMSA's goal is to improve industry performance and communications to prevent hazardous material transportation incidents, accidents, injuries, and fatalities. PHMSA utilizes data to track the frequency of failures, incidents and accidents. PHMSA also analyzes the causes and the resulting consequences and reports this data in various categories such as year, state, type, cause, and result. PHMSA's data tools and analyses are instrumental in sustaining its mission to protect people and the environment by advancing the safe transportation of energy and other hazardous materials that are essential to our daily lives."

Final remarks

Wayne Lalicon

Hazardous Materials Safety Assistance Team (HMSAT)

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Eastern Region

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- Participating in Outreach Events
- Forming Lasting Partnerships
- Sharing Information

